



- Count all colonies: colonies show red (very few do not develop color)
- Culture conditions: culture at 35 °C ± 2 °C 24-48h

Main ingredients: Standard medium, gel, indicator

Storage conditions: Room temperature (1-30 °C)

Shelf life: 18 months

Strengths Compact Dry "Nissui" TC 40 pieces / box Code 06740

Compact Dry "Nissui" TC 240 pieces / box Code 06741

Sterile homogenized bag (with filter membrane) 500 / box Code 01540

Sterile homogenized bag (without filter membrane) 1000 / box Code 01541

Compact Dry test dish is produced using the unique patented technology of Nissui



There is always a better way.



NISSUI

Nissui Compact Dry™ TC test dish for total number of colonies is a pre-prepared medium containing standard medium, gel, and color indicator.



Total number of colonies = 77
The test dish contains a color indicator to make the colony red.

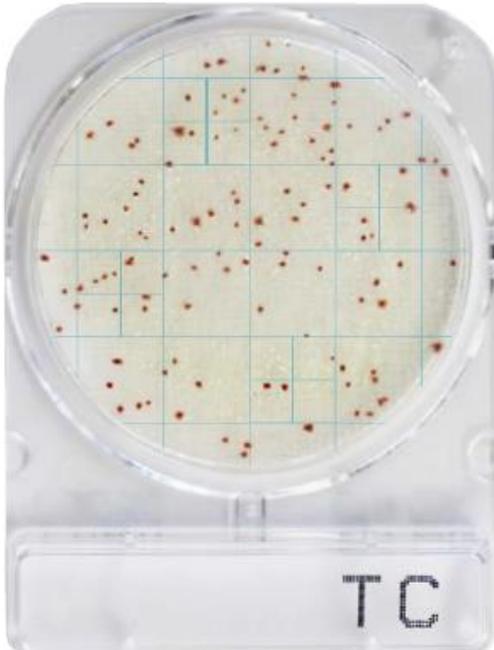


Total number of colonies = 0
There is no colony growth on the test dish.

Compact Dry™CF Test dish for total number of colonies



Total number of colonies = 11
There is a small amount of
colony growth on the test dish.



Total number of colonies = 123
There are many colonies
growing on the test dish. It is
recommended that the number
of colonies does not exceed 300.

Compact Dry™CF Test dish for total number of colonies

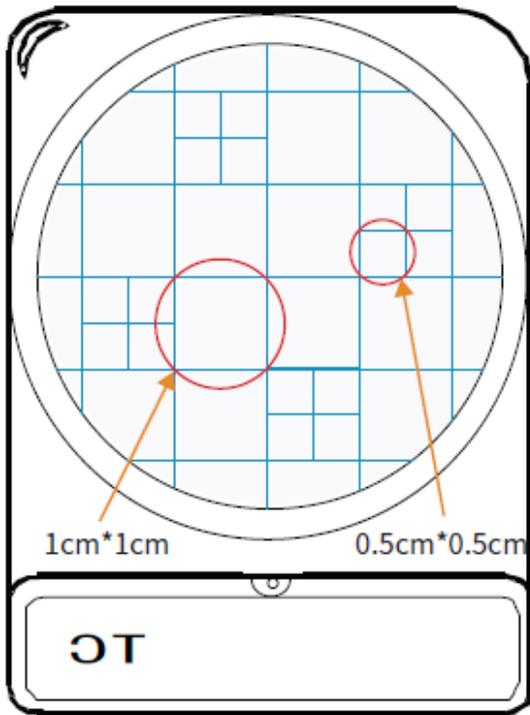


Total number of colonies =
Too Numerous To Count (TNTC)
(estimated value 10^4)
The number of colonies on the
test dish is counted as TNTC



Total number of colonies = 6
There are colonies in the food
that are prone to spread, such as
Bacillus. Spread colonies are
counted directly according to the
outline of the colony. It can also
be marked in advance for easy
counting.

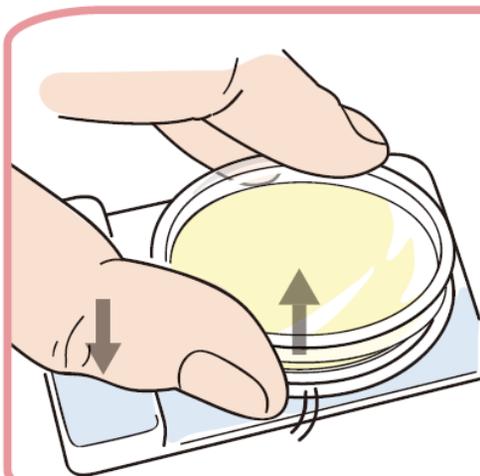
Compact Dry™CF Test dish for total number of colonies



The test dish area is 20 cm², when the number of colonies exceeds 300. In order to estimate the number of colonies, one or several representative small squares be selected, and the average number of colonies can be calculated, and then multiplied by the corresponding multiples to obtain the number of colonies of the entire test dish.

Total number of colonies (> 300)
= average number of colonies per cell (1cm * 1cm) * 20
= average number of colonies per cell (0.5cm * 0.5cm) * 80

Open cover skills:



Press the test tube with the thumb joint and lift the fingertip from the bottom of the edge of the lid and lift it up. This makes it easy to open the lid.

Compact Dry™CF Test dish for total number of colonies



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Compact Dry™CF Test dish for total number of colonies

Instructions

Sample Preparation

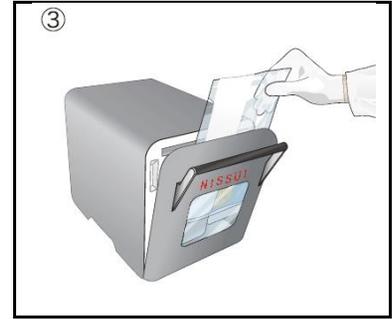


① Sample dilutions of 1:10 or greater dilutions are prepared. Weigh or aspirate the food sample and place it in a suitable sterile container.



② Add an appropriate amount of sterile diluent.

Sterile dilutions include:
phosphate buffer or saline (GB4789), 0.1% peptone water, peptone saline dilution (ISO method 6887), buffered peptone water (ISO method 6579), bisulfite-free Lethen meat Soup or distilled water, etc.

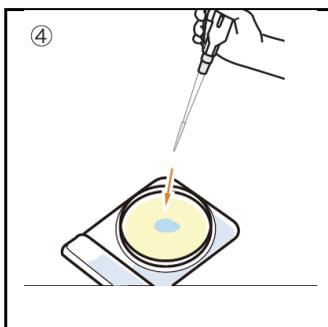


③ Stir or homogenize the sample.

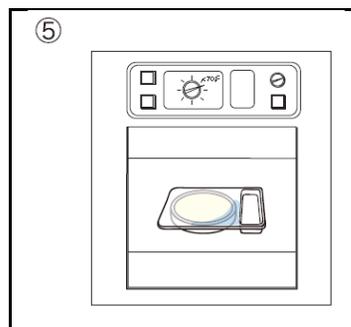
For example, the sample diluent is adjusted to pH 6.5-7.5

- Acidic samples are adjusted with 1N NaOH
- Alkaline samples are regulated with 1N HCL

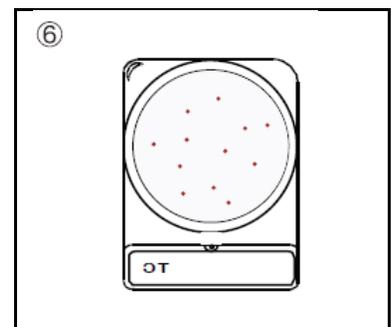
Vaccination culture



④ 1 mL of the sample solution is inoculated in the center of the test dish, and the sample solution is uniformly spread uniformly around the plate. (The medium area is 20cm²)



⑤ Inverted into an incubator and incubated at 35 °C ± 2 °C for 24 h



⑥ Pour it on a white background or translucent plate, and count it with a visual or colony counter.